

rear side, or both, and wherein the mixer module has additional spacer contours on the front side, the rear side, or on both.

Claim 4 (three-times amended).

Static mixer module according to claim

1, wherein the orifices are defined by parallel walls and the parallel walls of the orifices form angles β defining ± 30 degrees to the walls through which they pass.

Claim 8 (three-times amended).

Static mixer module according to claim

6, wherein the regions or segments are arranged concentrically about the radial center point of the mixer module.

Claim 9 (three-times amended).

Static mixer module according to claim

6, wherein the distance between the planes which lie across and touch the highest elevations, in the direction of the center axis of the disc shaped module, said center axis being parallel to the surfaces defining the circumference of the disc, on the front side, and the rear side of the mixer module is different in the various regions or segments.

Claim 17 (three times amended).

Mixer arrangement according to claim

22, wherein the arrangement of the module and of the static mixer is designed in such a way that the static mixer terminates flush with either the plane which lies across and touches the highest elevations, in the direction of the center axis of the disc shaped module, said center axis being parallel to the surfaces defining the circumference of the

fb
disc on the front side or the rear side of the disc shaped module.

Claim 22 (three-times amended). Mixer arrangement according to claim 12, comprising at least one module which is divided into two or more regions or segments each of which has different spacings between the orifices or different sizes of orifices, and wherein the distance between the planes which lie across and touch the highest elevations, in the direction of the center axis of the disc shaped module, said center axis being parallel to the surfaces defining the circumference of the disc, on the front side and on the rear side of the module is different in the various regions or segments, said module being followed directly by a static mixer element or a disc-shaped static mixer module adapted to nest with the module.

REMARKS

This Supplemental Amendment Under Rule 111 is being filed to further clarify the geometry of the disc shaped modules of the invention, and to amend the specification to more specifically support the language of the claims.

Thus, the specification is amended to recite a one piece static mixer module. Support for this limitation is found at page 12, line 24 of the specification, as originally filed, and in Figures 1a and 1b, as originally filed. The static mixer module described at page 12, line 24, is produced by injection molding, and thus is a one-piece module. Figures 1a and 1b clearly depict a one-piece module.